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Subject: Re: unwrap modulo 2pi  
Posted by [Craig Markwardt](#) on Thu, 08 Feb 2001 15:43:20 GMT  
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"Wim G. Bouwman" <[w.g.bouwman@iri.tudelft.nl](mailto:w.g.bouwman@iri.tudelft.nl)> writes:

> Dear Graham,  
> The function is written in PV-WAVE and NINT is a standard function giving  
> the integer value as a long. I am sure that something similar does exist  
> in IDL.  
> In PV-WAVE you have also FIX, which returns the integer value as an  
> integer.

Just curious, how does NINT do the rounding? In IDL there are FLOOR,  
CEIL and ROUND which have well-behaved rounding properties (round up,  
down and to-nearest, respectively). The well-known LONG function is  
not consistent depending on the sign of its argument.

Craig

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Astrophysics, IDL, Finance, Derivatives | Remove "net" for better response  
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